

Converting Colors

XYZ(66.4437, 75.6573, 69.3299)

Have a look what the booklet for
XYZ(66.4437, 75.6573, 69.3299)
contains.

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Color

**XYZ(66.5755, 75.8711,
69.5282)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E8CE
RGB	210, 232, 206
RGB Percent	82%, 91%, 81%
CMY	0.1765, 0.0902, 0.1921
CMYK	0.09, 0.00, 0.11, 0.09
HSL	111°, 36%, 86%
HSV	111°, 11%, 91%
XYZ	66.5755, 75.8711, 69.5282
YIQ	222.4580, -4.7660, -12.7500

Conversions

Conversions Part 2

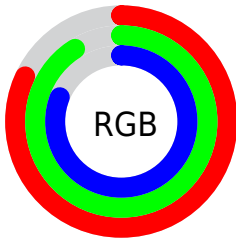
Format	Color
R _Y B	206, 232, 228
Decimal	13822158
CIE Lab	89.80, -11.99, 10.19
CIE LCh	90, 15.730, 139.636
Yxy	75.8711, 0.3141, 0.3579
Android (android.graphics.Color)	4292012238 (0xFFD2E8CE)
YUV	222.4580, -8.1138, -10.9257
Hunter-Lab	87.1040, -16.0006, 13.6463

Details

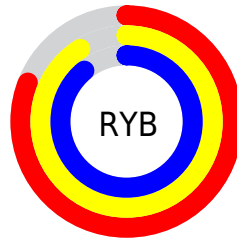
The XYZ color **66.5755, 75.8711, 69.5282** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.6348, 66.4649, 85.5595**, and the grayscale version is **69.8148, 73.4506, 79.9877**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7104, 40.2862, 35.6524** is the 20% darker color. If you saturate the color by 10%, you get **58.7121, 72.1216, 55.5178**, and if you desaturate by 10%, it is **75.5448, 80.1471, 85.7652**.

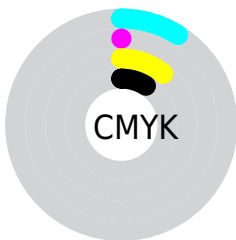
Distribution



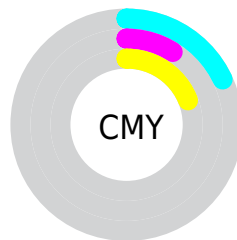
- Red (82%)
- Green (91%)
- Blue (81%)



- Red (81%)
- Yellow (91%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5755, 75.8711, 69.5282 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 66.5755, 75.8711, 69.5282 by changing the saturation by 10% instead.

66.5755, 75.8711,
69.5282

66.5755, 75.8711,
69.5282

437.8885,
480.9063, 477.6360

49.0092, 56.3268,
50.6676

113.3651,
127.5447, 120.2105

34.8413, 40.4650,
35.5692

143.3191,
160.4428, 152.8692

23.7066, 27.9013,
23.8146

178.1329,
198.5609, 190.9644

15.2397, 18.2513,
14.9852

218.1721,
242.2835, 234.9146

9.0752, 11.1305,
8.6625

263.8019,
291.9950, 285.1383

4.8478, 6.1547,
4.4279

315.3876,

2.1920, 2.9394,

348.0797, 342.0541

1.8629

373.2947,
410.9220, 406.0805

■ 0.7385, 1.1002,
0.4690

■ 0.0000, 0.0000,
0.0000

■ 66.5755, 75.8711,
69.5282

■ 66.5755, 75.8711,
69.5282

■ 58.7121, 72.1216,
55.5178

■ 75.5448, 80.1471,
85.7652

■ 51.9056, 68.8687,
43.6321

■ 85.6544, 84.9587,
104.3147

■ 46.1124, 66.0945,
33.7691

■ 88.1481, 86.1962,
106.5994

■ 41.2834, 63.7761,
25.8159

■ 37.3652, 61.8886,
19.6490

■ 34.2996, 60.4051,
15.1301

■ 32.0208, 59.2950,
12.1009

■ 30.4531, 58.5235,
10.3717

■ 29.5746, 58.0856,
9.6529

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.6346, 75.8711, 64.0726



66.5755, 75.8711, 69.5282



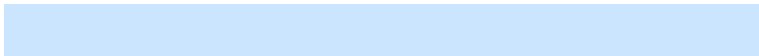
65.0189, 75.8711, 78.8252

Triad

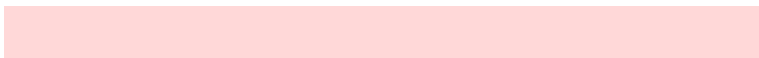
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.5755, 75.8711, 69.5282



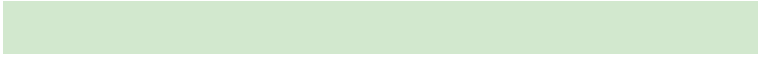
70.7790, 75.8711, 105.4672



79.3724, 75.8711, 75.6352

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66.5755, 75.8711, 69.5282



68.6348, 66.4649, 85.5595

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7056, 75.8711, 86.5156



66.5755, 75.8711, 69.5282



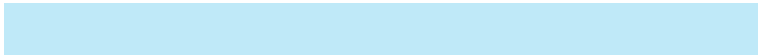
74.6500, 75.8711, 104.4185

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.5755, 75.8711, 69.5282



67.3874, 75.8711, 99.9879



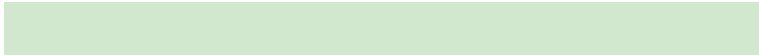
77.9498, 75.8711, 97.2393



77.0549, 75.8711, 67.3734

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.5755, 75.8711, 69.5282



65.0035, 75.8711, 86.2398



77.9498, 75.8711, 97.2393



79.7233, 75.8711, 79.0849

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66.5776, 75.8744, 69.5299



91.5009, 98.3099, 102.4322



72.0743, 76.9192, 69.4418



19.3866, 20.9479, 21.5641



0.0000, 0.0000, 0.0000



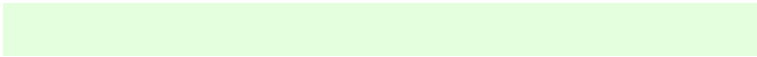
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.5776, 75.8744, 69.5299



80.5870, 93.1084, 82.7262



66.5355, 75.7276, 75.1777



14.3947, 16.1950, 15.2717



16.4841, 32.2794, 5.3617



1.2820, 2.4183, 0.3992

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.6348, 66.4649, 85.5595



83.5205, 79.6887, 105.5872



68.7170, 66.6461, 79.2930



14.7659, 14.4971, 18.1643



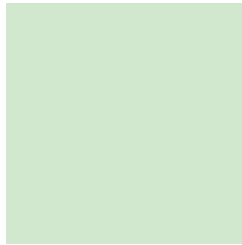
20.8574, 9.8183, 43.1790



1.6004, 0.7560, 3.1935

Previews

White Background



This preview shows how the XYZ color 66.5755, 75.8711, 69.5282 looks on a white background.

Color Contrast Check

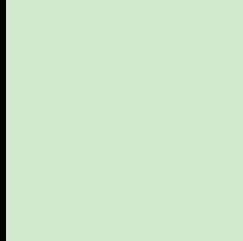
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 66.5755, 75.8711, 69.5282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

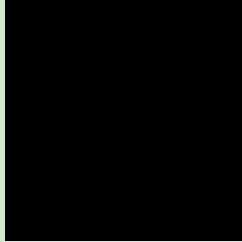
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

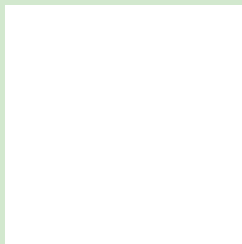
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5755, 75.8711, 69.5282

Background



This preview shows how black text looks on a background with the XYZ color 66.5755, 75.8711, 69.5282.



This preview shows how white text looks on a background with the XYZ color 66.5755, 75.8711,

69.5282.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66.5755, 75.8711, 69.5282

Protanopia

71.8468, 75.7769, 66.7168

Deuteranopia

77.0880, 75.6289, 70.8565



Tritanopia

71.8444, 75.5233, 96.3788

Trichromacy



Original Color

66.5755, 75.8711, 69.5282

Protanomaly

69.8869, 75.9674, 67.4796

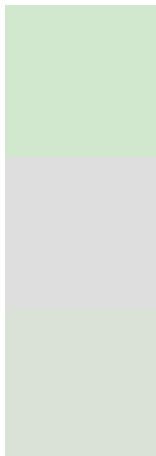
Deuteranomaly

72.6979, 75.3339, 70.3838

Tritanomaly

69.7579, 75.4961, 85.7585

Monochromacy



Original Color

66.5755, 75.8711, 69.5282

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.5045, 74.2560, 75.6880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5755, 75.8711, 69.5282 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(210, 232, 206) looks like.

```
.text, #text, p{  
    color:rgb(210, 232, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 232, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 232, 206) }
```

Border

The CSS property to change the border of an element to XYZ 66.5755, 75.8711, 69.5282 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 232, 206) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 232, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 232, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 232, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 232, 206);  
box-shadow:4px 4px 4px 4px rgb(210, 232,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5755, 75.8711, 69.5282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 232, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
232, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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